

2007 Clean Cities Northeast and Mid-Atlantic Regional Peer Exchange – Light Duty NGV Overview

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- **June 28, 2007**

HIERARCHY OF HONDA ENERGY CHOICES

Benefits to Society



Good

Clean gasoline

- Ultra Low emissions
- Gasoline will be the dominant “clean” fuel for the long term



Better

Gasoline-Electric Hybrids

- Near zero emissions
- Higher MPG
- Decreased petroleum use
- Reduced fuel cost
- Innovative proven technology
- Fueled with gasoline



Best

Natural Gas Vehicle

- Near zero emissions
- 100% domestic fuel
- Replaces Petroleum
- Proven technology
- 25% less CO2
- Home refueling
- Best alternative fuel for many decades
- Path to H2



Ultimate

Hydrogen Fuel Cell

- Zero emissions
- Cleanest fuel, derived from natural gas or renewable energy
- Replaces petroleum
- Potential for home refueling
- Uses existing natural gas infrastructure



No new Infra

New Infra

What's Now?- GX/Phill



HONDA

Purchase a Honda Civic GX and Receive Significant Discounts Off a FuelMaker Natural Gas Refueling System

When qualified customers¹ purchase Honda's Civic GX and FuelMaker's Vehicle Refueling Appliance (VRA), they are eligible for purchase discounts off FuelMaker products:

- * **CLEAN CITIES STAKEHOLDERS:** Clean Cities Stakeholders can save at least \$2,300 off the price of a FuelMaker VRA when combined with the purchase of a Honda Civic GX.
- * **ALL OTHER FLEET PURCHASERS:** Other fleet purchasers can save at least \$1,900 off the price of a FuelMaker VRA when combined with the purchase of a Honda Civic GX.

¹ Qualified customers include all private and government (non-Federal) fleets (not applicable to natural gas utility fleets or individual retail customers).



FuelMaker Natural Gas Refueling Systems

AUTOMATED FAST-FILL STATIONS

- * Ideal for public or private fleets requiring metered dispensing of natural gas.
- * This affordable package allows you to maximize vehicle range by providing a true 3,600 psi fill.

COMBO-FILL REFUELING SYSTEMS

- * The perfect system for fueling versatility, Combo-Fill brings together Time-Fill and Fast-Fill refueling.
- * Enjoy the cost benefits of Time-Fill with the security of readily available fuel from the Fast-Fill system.

TIME-FILL REFUELING SYSTEMS

- * Our most economical system, Time-Fill refueling is ideal for vehicles that are centrally parked.
- * Take advantage of vehicle downtime by refueling overnight or whenever vehicles are not in use.

All FuelMaker systems are custom sized to meet specific fleet needs.



Honda Civic GX

The Honda Civic GX is the cleanest internal combustion vehicle in the world, which makes it ideal for parking enforcement, the vehicle pool, security patrol or just getting your workers around. This natural gas vehicle (NGV) has everything you'd expect from a Civic, like the highest safety rating, proven performance and Honda durability. And because it uses compressed natural gas, the GX achieves extraordinary fuel-cost savings, helps decrease our country's dependence on oil and diversifies our energy choices.



For more information please contact FuelMaker at
Toll-Free 1-800-898-FUEL(3835)
usinfo@fuelmaker.com



What's New? Alt Fuel Platforms



HONDA

What's New? - FCX 5/HES 3



HONDA

Cost of Operation ?

- **12,000 Miles/Annually; 3 years**
- **Gasoline: 30mpg/\$3.00/gallon = \$3,600.00**
- **Hybrid: 40 mpg/\$3.00/gallon = \$2,700.00**
- **E-85: 20 mpg/\$2.60/gallon = \$4,680.00**
- **CNG: 35mpg/\$2.00/gge = \$2,057.00**
- **BioDiesel: 45mpg/\$3.00/gallon = \$2,400.00**
- **Hydrogen: 75mpg/\$6.00/gallon = \$2,880.00**

What do we want ?

Partnerships !



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CIVIC GX

HONDA